

CLAIMS

What is claimed is:

- 1 1. A spring, comprising:
2 a unitary body having a center region, a first end, and a second
3 end, the unitary body being substantially bowed between the first and the
4 second ends, the center region having a bump.
- 1 2. The spring of claim 1, wherein the bump extends towards a
2 horizontal plane formed by the first and the second ends.
- 1 3. The spring of claim 1, wherein the first and the second ends are
2 curved underneath the unitary body.
- 1 4. The spring of claim 1, wherein the unitary body has a thickness of
2 less than approximately 1 millimeter.
- 1 5. The spring of claim 1, wherein the unitary body is constructed from
2 a material capable of formation into a resilient shape.
- 1 6. The spring of claim 5, wherein the unitary body is maintained
2 within elastic limits of the material when the center region is collapsed
3 towards the horizontal plane.

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1 7. The spring of claim 1, wherein the center region has a width less
2 than that of the first and the second ends.

1 8. The spring of claim 1, wherein the unitary body provides a tactile
2 feedback.

1 9. The spring of claim 1, wherein the center region has a width of
2 approximately 2 millimeters.

1 10. The spring of claim 1, wherein each of the first and the second ends
2 has a width of approximately 3.5 millimeters.

1 11. The spring of claim 1, wherein the unitary body has a height of
2 approximately 2.5 millimeters.

1 12. The spring of claim 1, wherein the unitary body has a height of
2 approximately 1 millimeter when the spring is collapsed.

1 13. The spring of claim 5, wherein the material comprises a metal.

1 14. The spring of claim 1, wherein the bump has a radius of curvature
2 of approximately 0.5 millimeters.

1 15. The spring of claim 8, wherein the unitary body provides a
2 deflection on the order of approximately 1.5 millimeters.

1 16. A spring, comprising:
2 a first component having a first end to engage a base a second end;
3 and
4 a second component having a first end to engage the base and a
5 second end, the second end of the second component coupled with the
6 second end of the first component using an interlocking finger
7 arrangement.

1 17. The spring of claim 16, wherein the spring is bowed between the
2 first ends of the first and second components

1 18. The spring of claim 17, wherein the second ends of the first and
2 second components are bent towards a horizontal plane formed by the
3 first ends.

1 19. The spring of claim 17, wherein the first and second components
2 are constructed from a material capable of formation into a resilient shape.

1 20. The spring of claim 17, wherein the first end of the first and second
2 components are curled underneath the first and second components.

1 21. A spring, comprising:

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2 a unitary body having a center, a first end, and a second end,
3 wherein the unitary body is substantially bowed between the first and the
4 second ends without having a bump at approximately the center.

1 22. The spring of claim 21, wherein the first and second ends have
2 flexures protruding from the unitary body.

1 23. The spring of claim 22, wherein the first and second ends have a
2 width, and wherein the flexures protrude substantially vertically with
3 respect to the width.

1 24. The spring of claim 22, wherein the first and second ends have a
2 width, and wherein the flexures protrude substantially horizontally with
3 respect to the width.

1 25. The spring of claim 22, wherein the flexures bend when the spring
2 is compressed.